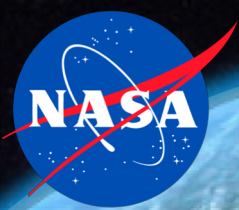


CERES Science Team Meeting

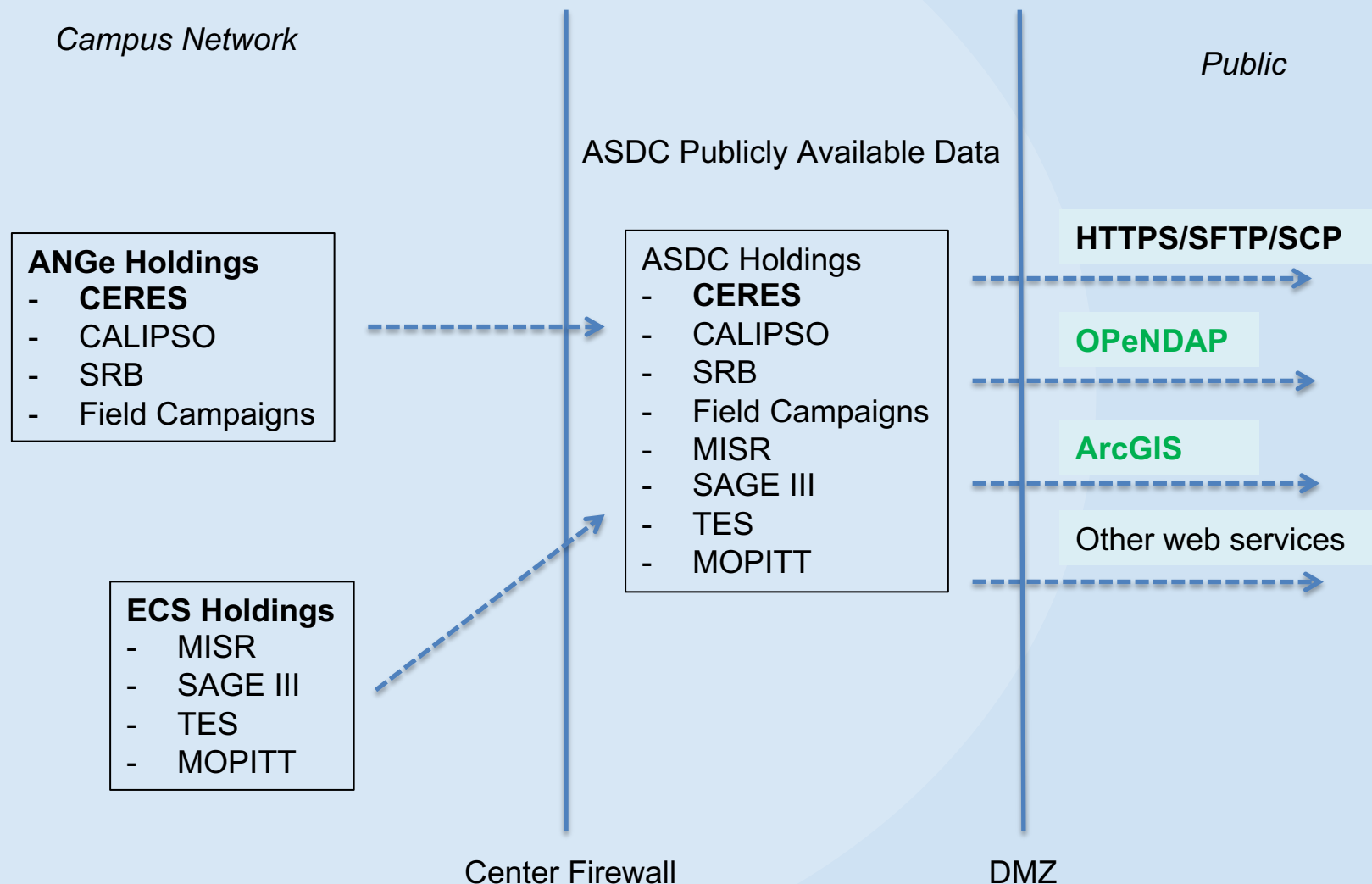
**Atmospheric Science Data Center
May 7, 2019**

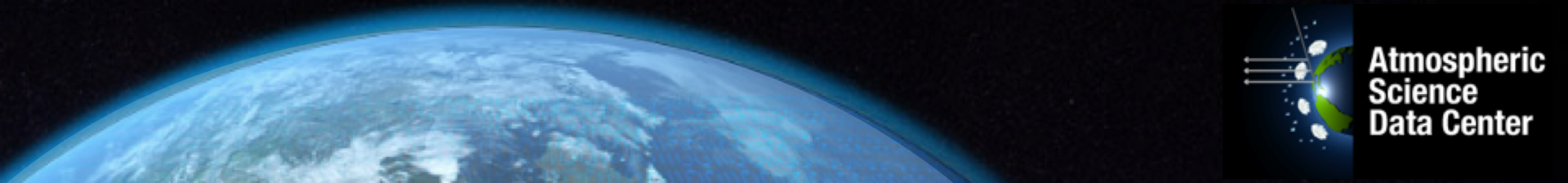
ASDC STATUS

- Continuing the modernization of computing environment
 - Standardizing on servers and operating systems (HPE Intel x86 servers; Red Hat 7.x)
 - Decommissioning of legacy IBM Power and x86 systems
 - Completed initial phase of refresh of ASDC backend network replace EOL hardware (provides 10 Gbps /40 Gbps capabilities)
 - Begin transition to ASDC Cloud environment
 - Will utilize training and consulting services from Red Hat
 - Web sites migrations first and other applications to follow
- Extensive Use of ASDC IT service desk (web portal) to track/manage work supporting CERES Science Computing Facility
- Transitions underway to comply with NASA IT Security requirements
 - All public accessible data moved outside LaRC campus firewall in DMZ
 - Eliminate use of FTP (must use HTTPS, SFTP, or SCP instead)
- Direct Data Download of all ASDC public data
 - Science data files referenced by URLs
 - ASDC provide sample script for downloading large number of files



ASDC Data Access





ArcGIS and OPenDAP Demo

Matthew Tisdale